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OBLON SPIVAK

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ABSTRACT

An optical pick-up device in which two object lenses correct comatic aberration with respect to object lenses. First and second optical systems converge either one of light beams having first, second and third wavelengths onto an optical disc. Object lenses are displaced in three axial focusing directions including a direction perpendicular to the recording surface of the optical disc, a tracking direction radial to the optical disc, and either one of a radial tilt direction in a circular arc form on the axis of the radial direction and a tangential tilt direction in a circular arc form on the axis in a tangential direction perpendicular to the radial direction. Comatic aberration of the second optical system is corrected relative to the first optical system in the other direction of the radial tilt direction and the tangential tilt direction, which is not controlled by the object lens drive unit, is corrected.